OIPE
APR 11 2005
PATENT & TRADEMARK OFFICE

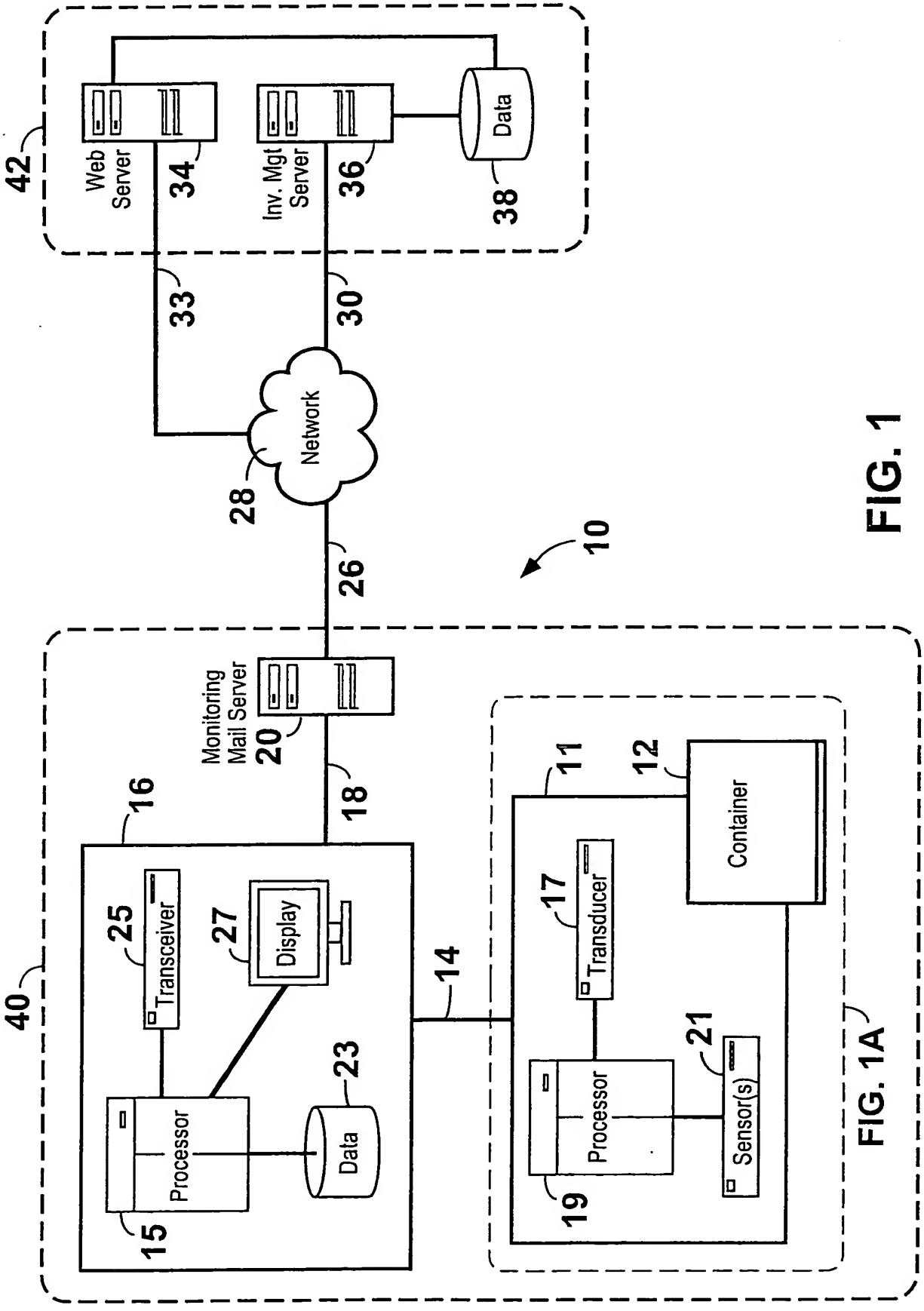


FIG. 1

FIG. 1A

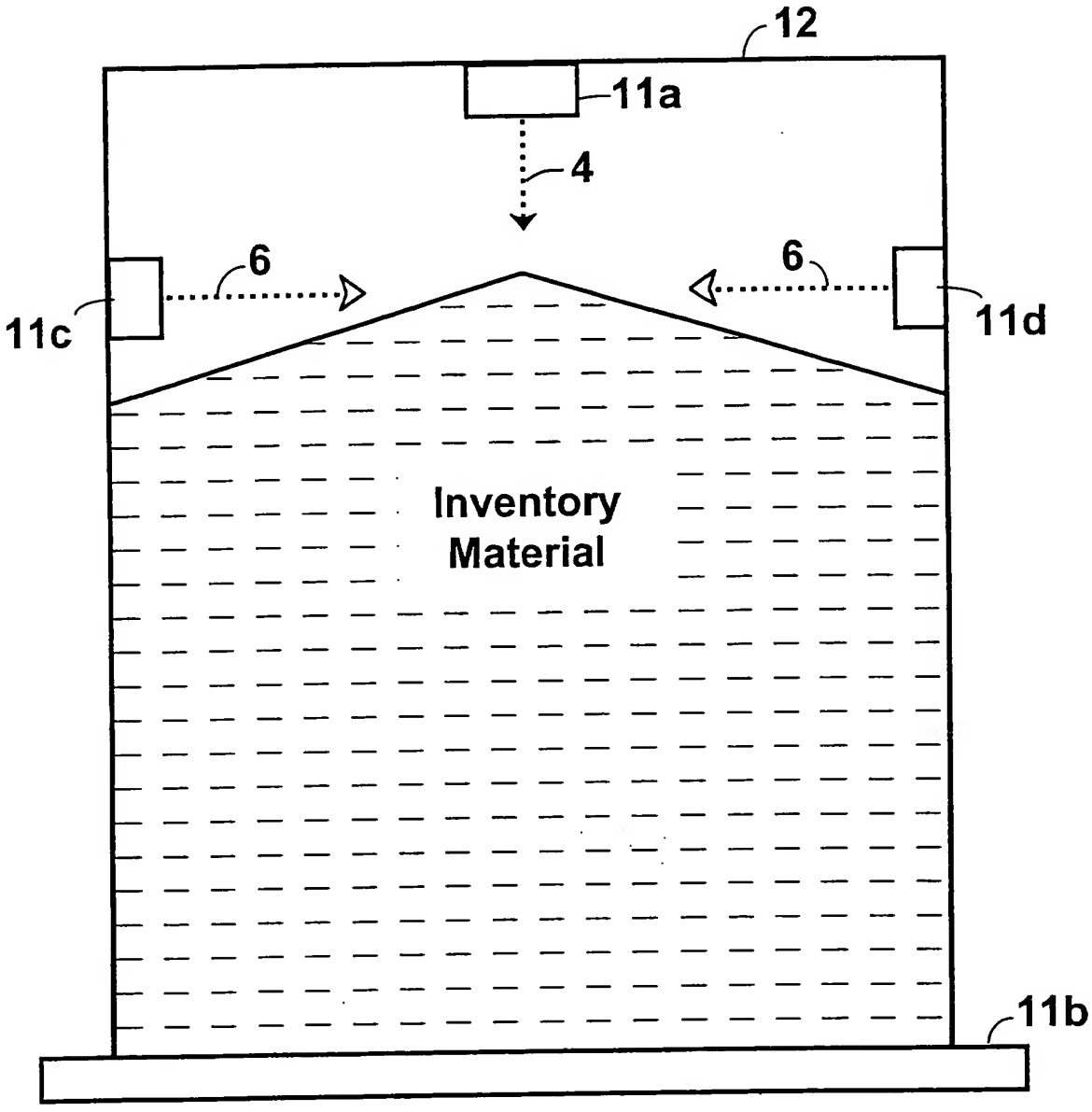


FIG. 1A

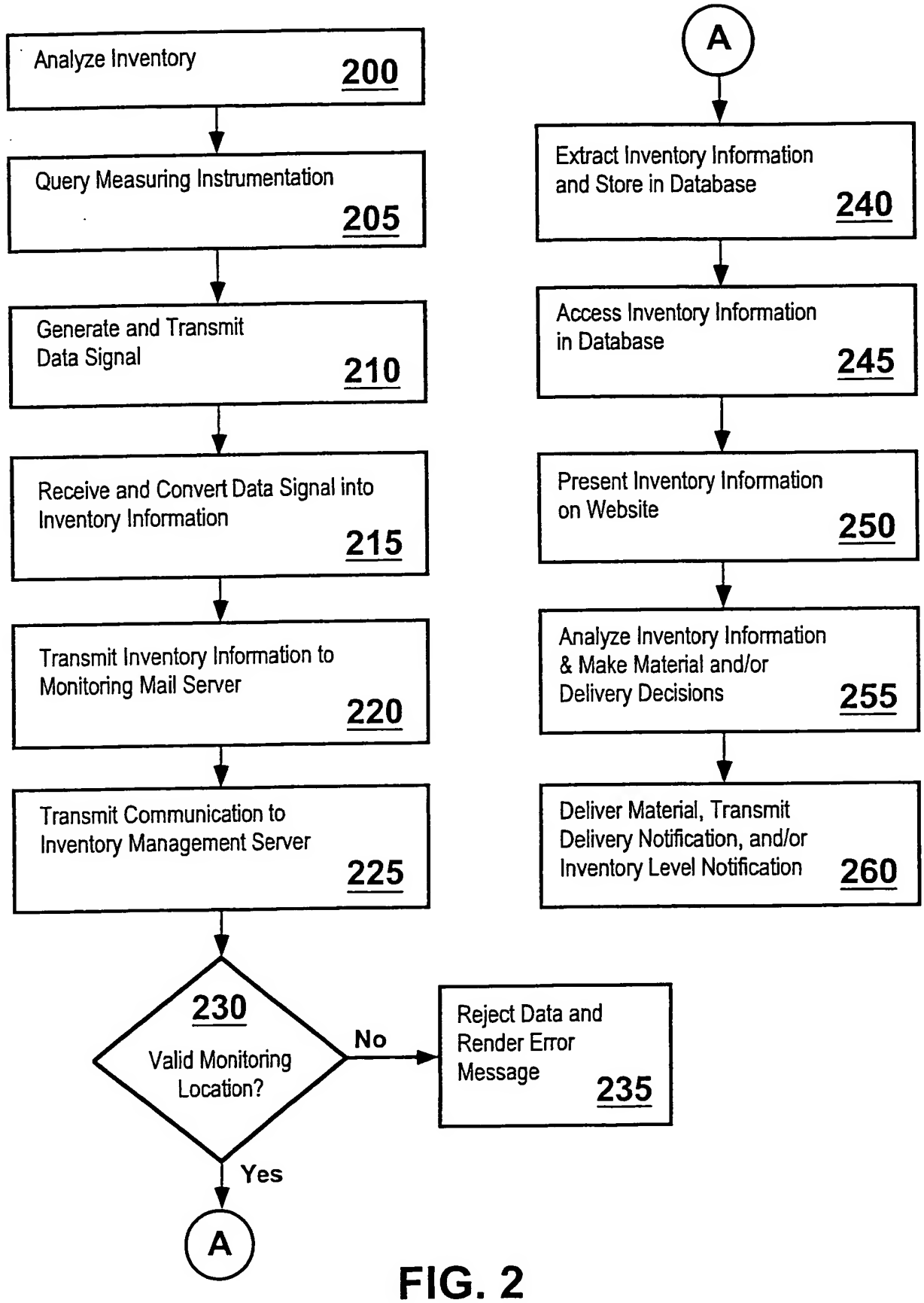

Analyze Inventory
200
Query Measuring Instrumentation
205
Generate and Transmit Data Signal
210
Receive and Convert Data Signal into Inventory Information
215
Transmit Inventory Information to Monitoring Mail Server
220
Transmit Communication to Inventory Management Server
225
230
Valid Monitoring Location?
No
Reject Data and Render Error Message
235
Yes
A
A
Extract Inventory Information and Store in Database
240
Access Inventory Information in Database
245
Present Inventory Information on Website
250
Analyze Inventory Information & Make Material and/or Delivery Decisions
255
Deliver Material, Transmit Delivery Notification, and/or Inventory Level Notification
260

FIG. 2

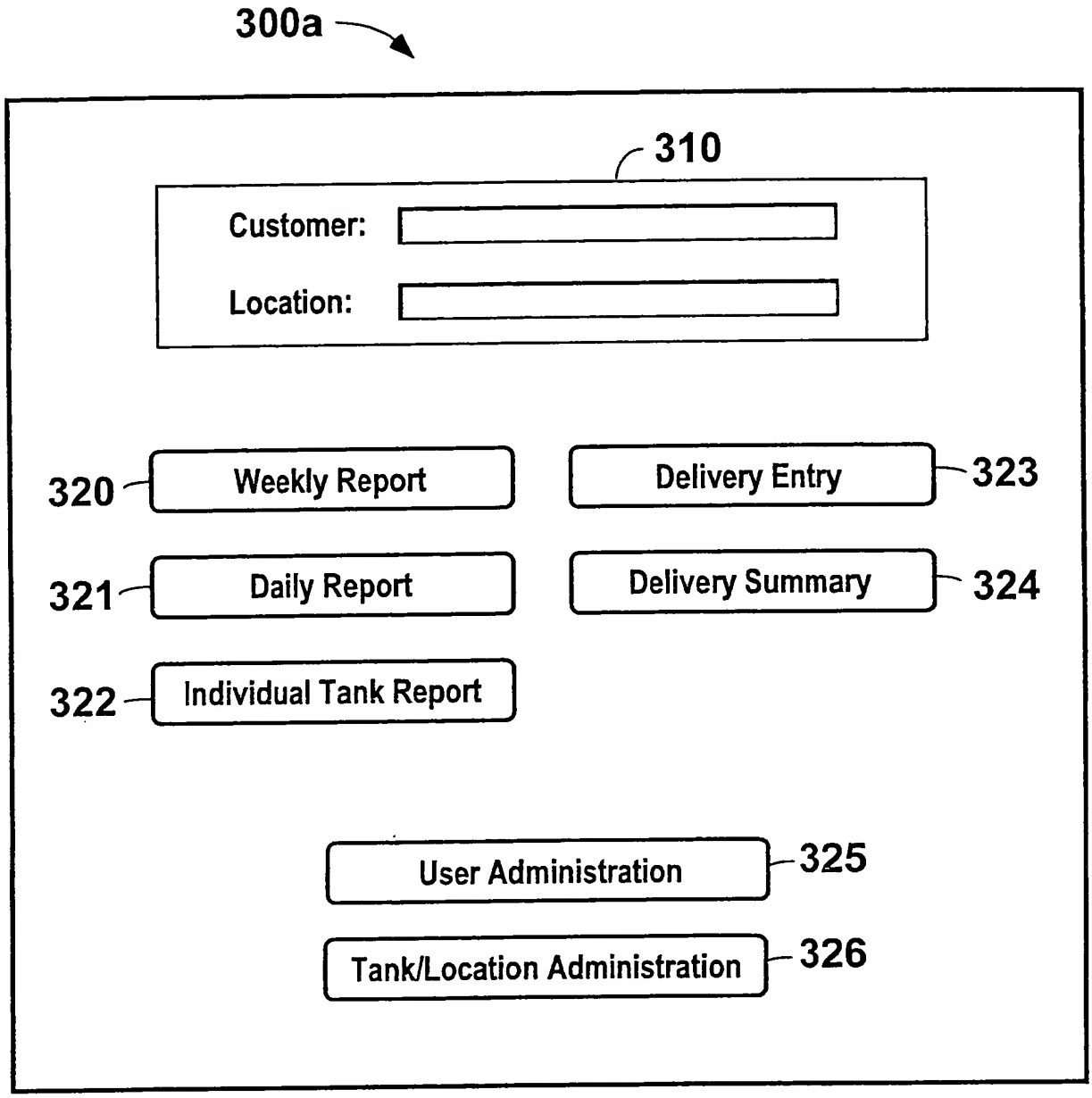
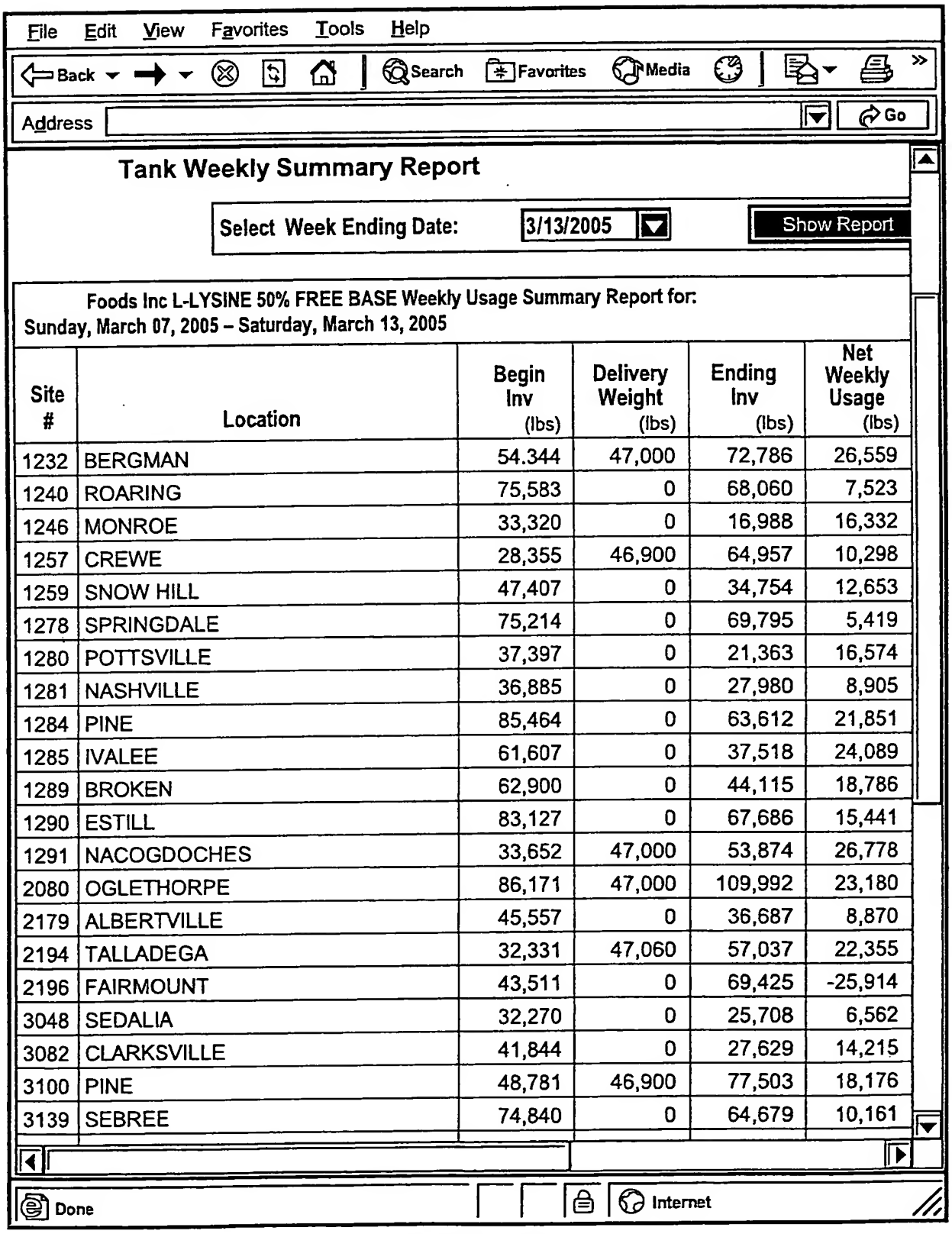

300a
310
Customer:
Location:
320
Weekly Report
321
Daily Report
322
Individual Tank Report
Delivery Entry
323
Delivery Summary
324
User Administration
325
Tank/Location Administration
326

FIG. 3

Title: CONTAINER INVENTORY MANAGEMENT
Serial No. 10/816,147

300 b



Site #	Location	Begin Inv (lbs)	Delivery Weight (lbs)	Ending Inv (lbs)	Net Weekly Usage (lbs)
1232	BERGMAN	54,344	47,000	72,786	26,559
1240	ROARING	75,583	0	68,060	7,523
1246	MONROE	33,320	0	16,988	16,332
1257	CREWE	28,355	46,900	64,957	10,298
1259	SNOW HILL	47,407	0	34,754	12,653
1278	SPRINGDALE	75,214	0	69,795	5,419
1280	POTTSVILLE	37,397	0	21,363	16,574
1281	NASHVILLE	36,885	0	27,980	8,905
1284	PINE	85,464	0	63,612	21,851
1285	IVALEE	61,607	0	37,518	24,089
1289	BROKEN	62,900	0	44,115	18,786
1290	ESTILL	83,127	0	67,686	15,441
1291	NACOGDOCHES	33,652	47,000	53,874	26,778
2080	OGLETHORPE	86,171	47,000	109,992	23,180
2179	ALBERTVILLE	45,557	0	36,687	8,870
2194	TALLADEGA	32,331	47,060	57,037	22,355
2196	FAIRMOUNT	43,511	0	69,425	-25,914
3048	SEDALIA	32,270	0	25,708	6,562
3082	CLARKSVILLE	41,844	0	27,629	14,215
3100	PINE	48,781	46,900	77,503	18,176
3139	SEBREE	74,840	0	64,679	10,161

FIG. 4

300 c

File Edit View Favorites Tools Help

Back Search Favorites Media

Address Go

Tank Daily Summary Report

Help

Select Report Date: 03/02/2005 (mm/dd/yyyy) Show Report

Foods Inc L-LYSINE 50% FREE BASE Daily Summary Report for: 3/2/2005

Site #	Location	Beginning Inv (lbs)	Delivery Weight (lbs)	Ending Inv (lbs)	Ending Inv (inches)	Net Usage (lbs)	Inv Time 24h
1232	BERGMAN	75,696	0	68,943	103	6,753	6:00
1240	ROARING	38,079	0	37,005	56	1,073	9:00
1246	MONROE	44,813	0	41,969	64	2,844	5:00
1257	CREWE	34,882	0	32,776	49	2,106	5:00
1259	SNOW HILL	57,959	0	55,543	83	2,416	6:00
1278	SPRINGDALE	82,562	0	80,343	120	2,218	5:00
1280	POTTSVILLE	46,313	0	42,252	69	4,061	5:00
1281	NASHVILLE	43,316	0	40,746	62	2,570	6:00
1284	PINE	0	0	0	0	0	6:00
1285	IVALEE	37,499	46,940	72,134	109	12,304	6:00
1289	BROKEN	76,191	0	71,735	106	4,456	6:00
1290	ESTILL	94,336	46,920	90,944	136	50,313	7:00
1291	NACOGDOCHES	48,047	0	43,393	65	4,654	7:00
2080	OGLETHORPE	109,779	0	96,359	96	13,420	7:00
2179	ALBERTVILLE	51,166	0	49,760	95	1,386	6:00
2194	TALLADEGA	51,052	0	46,777	71	4,275	6:00
2196	FAIRMOUNT	56,888	0	53,365	86	3,523	6:00
3048	SEDALIA	36,538	0	35,670	54	868	5:00
3082	CLARKSVILLE	49,506	0	46,774	72	2,732	5:00
3100	PINE	67,563	0	62,925	126	4,638	9:00
3139	SEBREE	80,576	0	79,032	118	1,544	7:00
3142	HOPE	30,026	0	27,803	42	2,225	6:00

Done Internet

FIG. 5

300 d

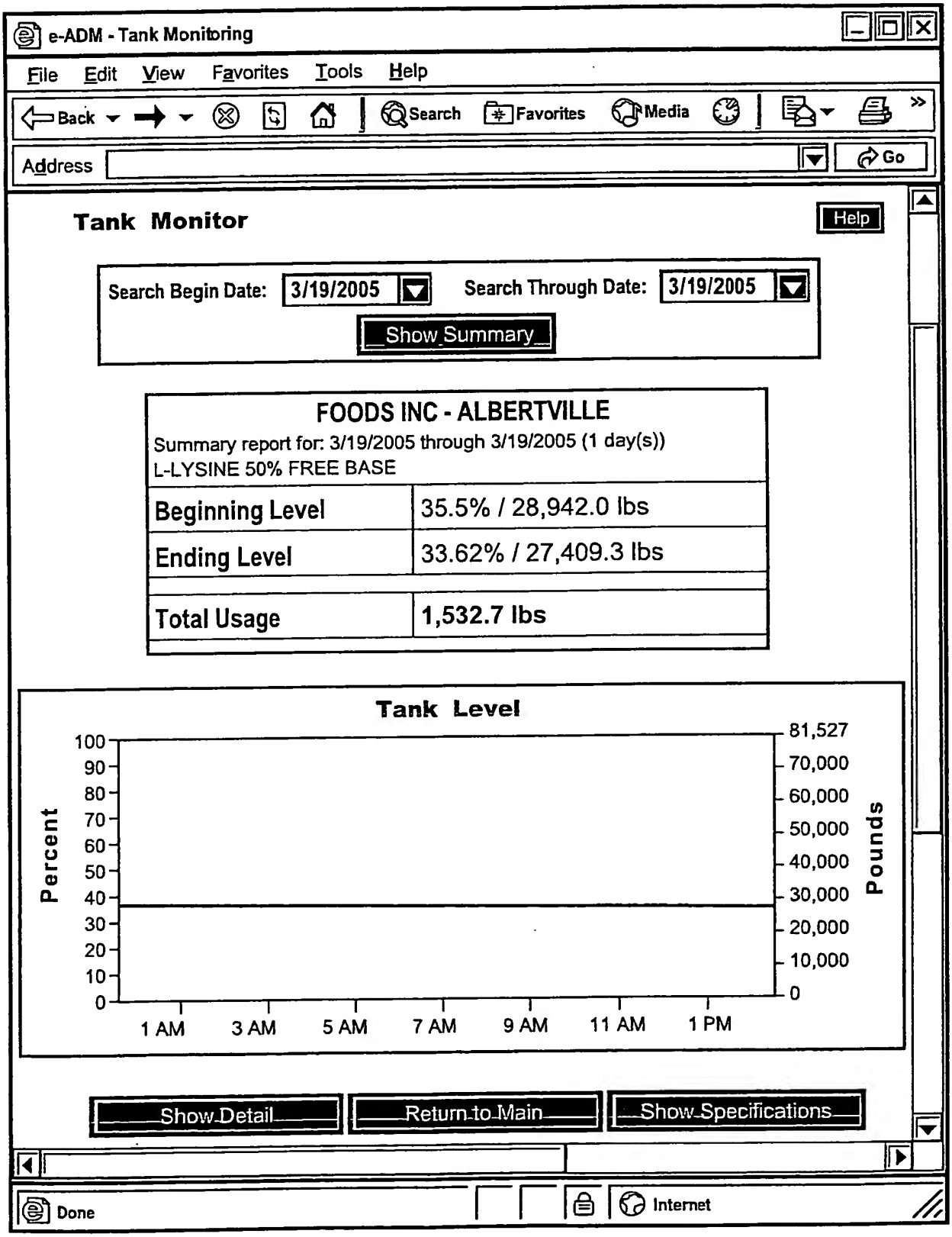

e-ADM - Tank Monitoring
File Edit View Favorites Tools Help
Back Search Favorites Media
Address
Go
Tank Monitor
Help
Search Begin Date: 3/19/2005
Search Through Date: 3/19/2005
Show Summary
FOODS INC - ALBERTVILLE
Summary report for: 3/19/2005 through 3/19/2005 (1 day(s))
L-LYSINE 50% FREE BASE
Beginning Level 35.5% / 28,942.0 lbs
Ending Level 33.62% / 27,409.3 lbs
Total Usage 1,532.7 lbs
Tank Level
Percent
100 90 80 70 60 50 40 30 20 10 0
Pounds
81,527 70,000 60,000 50,000 40,000 30,000 20,000 10,000 0
1 AM 3 AM 5 AM 7 AM 9 AM 11 AM 1 PM
Show Detail
Return to Main
Show Specifications
Done
Internet

FIG. 6

Title: CONTAINER INVENTORY MANAGEMENT
Serial No. 10/816,147

300 e

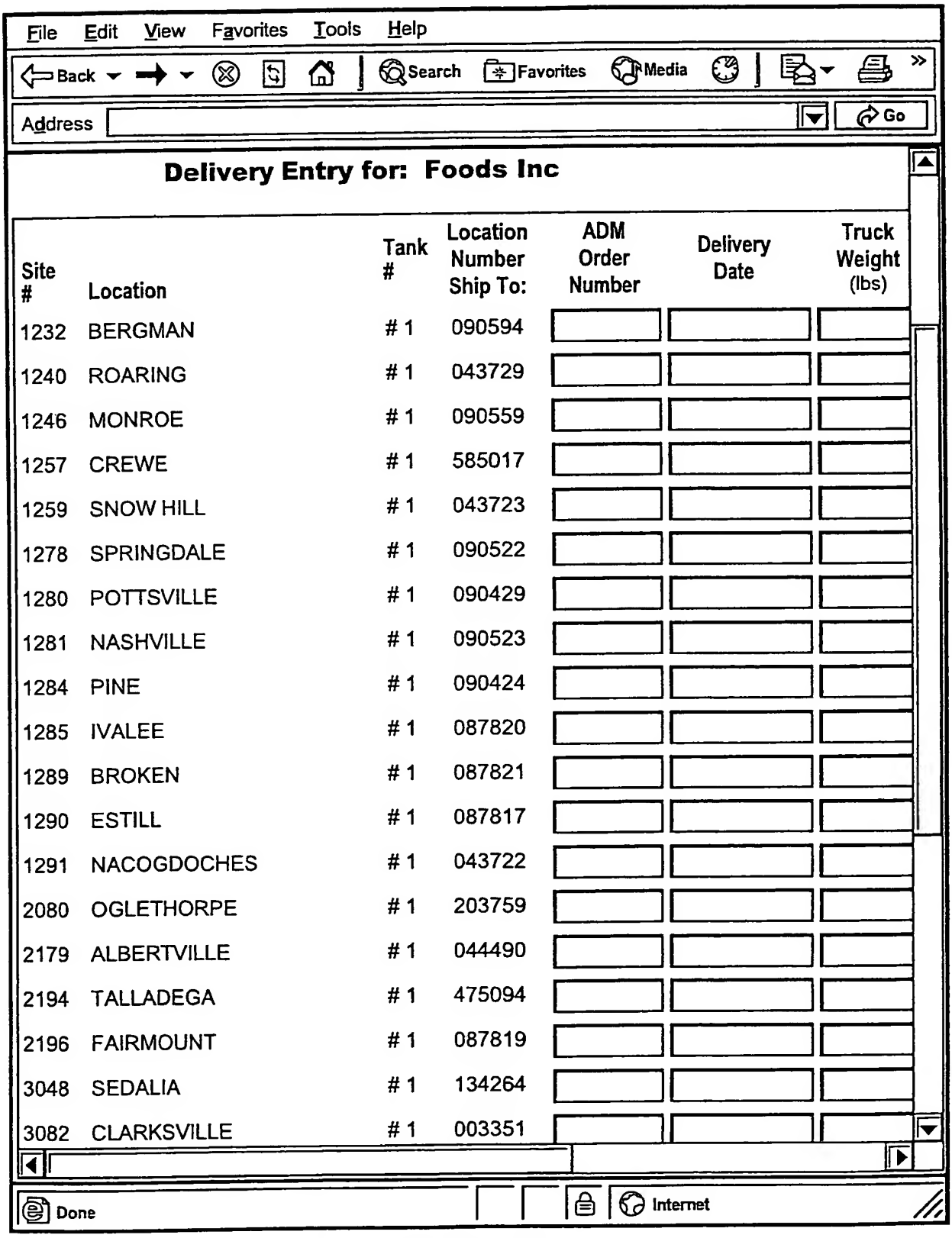


FIG. 7

300 f

File Edit View Favorites Tools Help

Back Search Favorites Media Go

Address

Delivery Entry for: Foods Inc Help

Select Week Ending Date: 3/20/2005 Show Report

Site #	Location	Tank #	Location Number Ship To:	ADM Order Number	Delivery Date	Truck Weight (lbs)	Comments
1246	MONROE						
		#1	090559	177157	3/15/2005 12:00:00 PM	46940	
1259	SNOWHILL						
		#1	043723	209154	3/18/2005 12:00:00 PM	46920	
1280	POTTSVILLE						
		#1	090429	125575	3/17/2005 12:00:00 PM	46980	
1285	IVALEE						
		#1	087820	190484	3/15/2005 12:00:00 PM	46740	
1289	BROKEN						
		#1	087821	204179	3/17/2005 12:00:00 PM	48760	
2196	FAIRMOUNT						
		#1	087819	177204	3/15/2005 12:00:00 PM	46900	
3082	CLARKSVILLE						
		#1	087819	177204	3/15/2005 12:00:00	46900	

Done Internet

FIG. 8

300 g

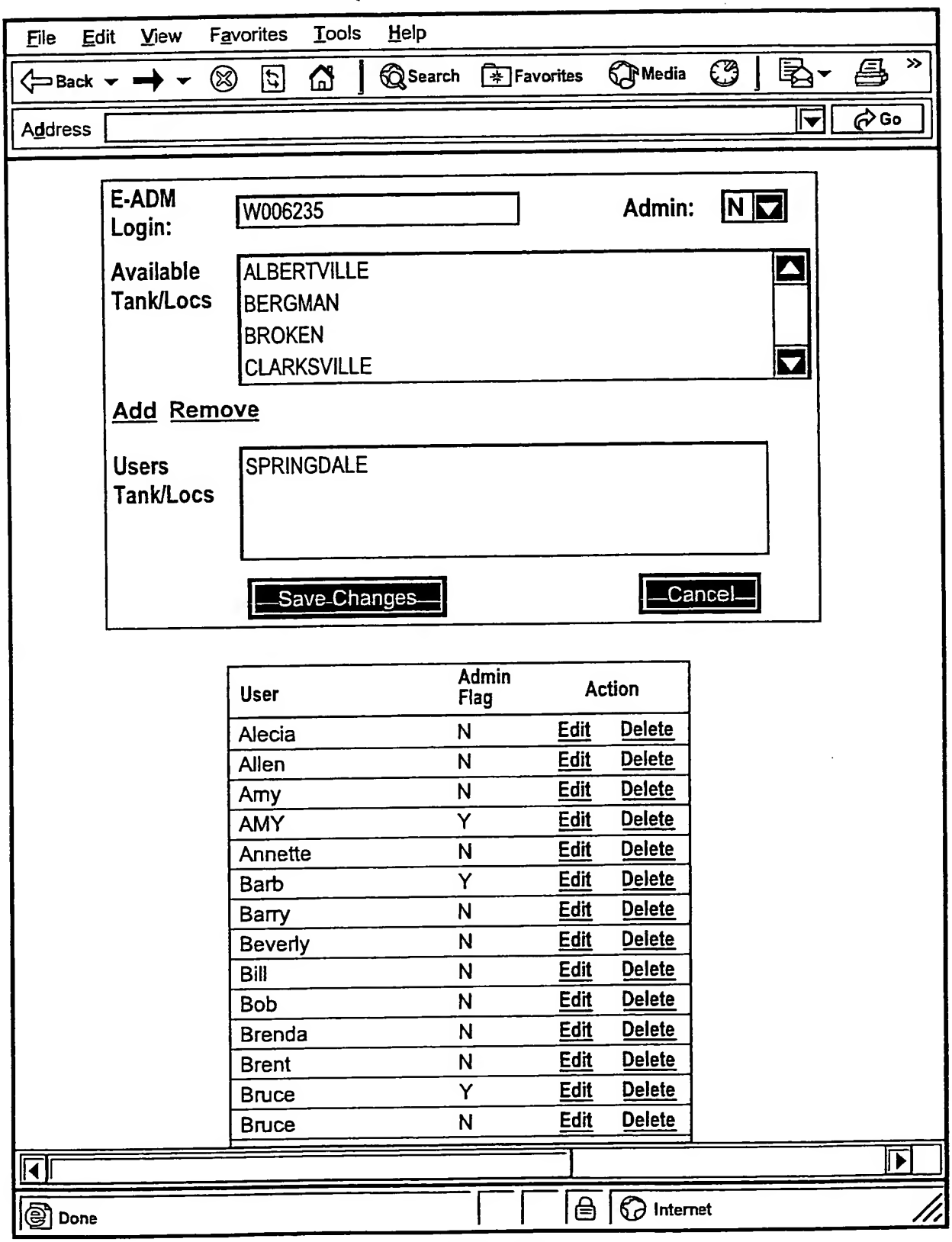

File Edit View Favorites Tools Help
Back Search Favorites Media
Address
Go
E-ADM Login:
W006235
Admin:
N
Available Tank/Locs
ALBERTVILLE
BERGMAN
BROKEN
CLARKSVILLE
Add Remove
Users Tank/Locs
SPRINGDALE
Save Changes
Cancel
User
Admin Flag
Action
Alecia N Edit Delete
Allen N Edit Delete
Amy N Edit Delete
AMY Y Edit Delete
Annette N Edit Delete
Barb Y Edit Delete
Barry N Edit Delete
Beverly N Edit Delete
Bill N Edit Delete
Bob N Edit Delete
Brenda N Edit Delete
Brent N Edit Delete
Bruce Y Edit Delete
Bruce N Edit Delete
Done
Internet

FIG. 9

Title: CONTAINER INVENTORY MANAGEMENT
Serial No. 10/816,147

300 h

File Edit View Favorites Tools Help

Back Search Favorites Media

Address Go

Email Notice Request for: FOODS INC

User: Brent W006224

○ Daily: One notice daily

○ Level: 10%

○ Weekly Summary: Sunday through Saturday Spreadsheet

Add

Email Address	Notice Period	Action	
Brent	Monday Morning	Edit	Delete
Allen	Monday Morning	Edit	Delete
Wanda	Monday Morning	Edit	Delete
John	Monday Morning	Edit	Delete
Ken	Monday Morning	Edit	Delete
Chad	Monday Morning	Edit	Delete
Brenda	Monday Morning	Edit	Delete
Sheree	Monday Morning	Edit	Delete
Walt	Monday Morning	Edit	Delete
Bob	Monday Morning	Edit	Delete
Jeff	Monday Morning	Edit	Delete
Courtney	Once daily	Edit	Delete
Courtney	Monday Morning	Edit	Delete
Barry	Monday Morning	Edit	Delete
Chris	Once daily	Edit	Delete
Chris	Monday Morning	Edit	Delete
John	Monday Morning	Edit	Delete
Karen	Monday Morning	Edit	Delete
Roland	Monday Morning	Edit	Delete
Joyce	Monday Morning	Edit	Delete
Tim	Monday Morning	Edit	Delete

Done Internet

FIG. 9A

300 i

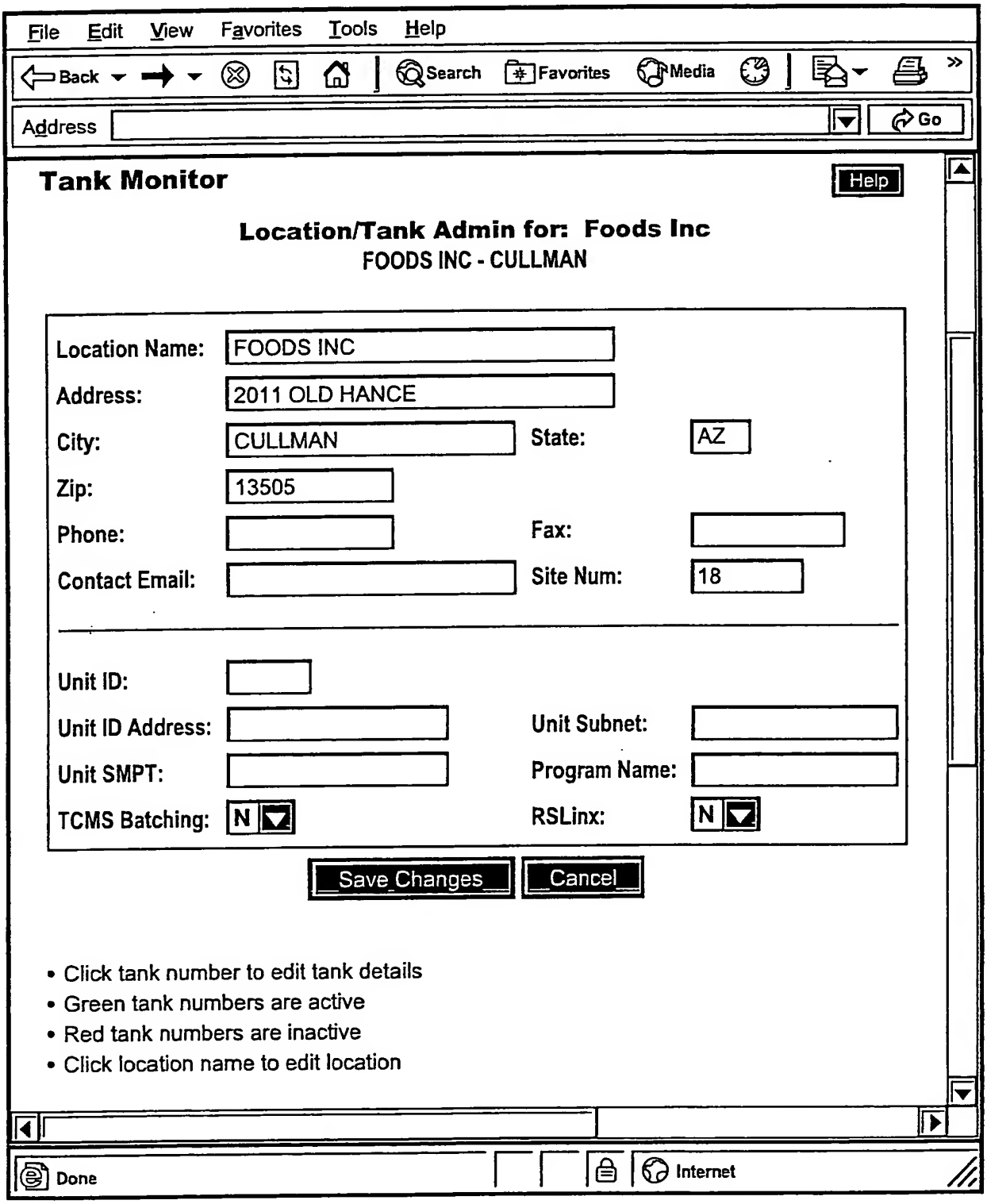

File Edit View Favorites Tools Help
Back Search Favorites Media
Address
Go
Tank Monitor
Help
Location/Tank Admin for: Foods Inc
FOODS INC - CULLMAN
Location Name: FOODS INC
Address: 2011 OLD HANCE
City: CULLMAN
State: AZ
Zip: 13505
Phone:
Fax:
Contact Email:
Site Num: 18
Unit ID:
Unit ID Address:
Unit Subnet:
Unit SMPT:
Program Name:
TCMS Batching: N
RSLinx: N
Save Changes
Cancel
• Click tank number to edit tank details
• Green tank numbers are active
• Red tank numbers are inactive
• Click location name to edit location
Done
Internet

FIG. 10